



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re U.S. Patent Application of )  
)  
Jonathan Peter BUCKINGHAM ) Attention:  
)  
Application Number 09/917,786 ) OIPE  
)  
Filed July 31, 2001 )  
)  
For: IMPROVEMENTS RELATING TO )  
DATA STORAGE )

Honorable Commissioner for Patents  
Washington, D.C. 20231

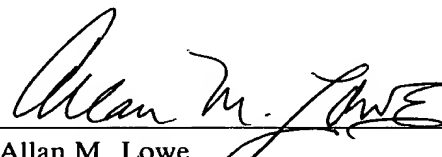
**RESPONSE TO NOTICE TO FILE MISSING PARTS**

Sir:

This is in response to the Notice of Missing Parts dated August 27, 2001, of the Initial Patent Examination Division of the Patent and Trademark Office, the period for response to which is set to expire on October 27, 2001. Submitted herewith is the executed declaration for the above-captioned application. In addition, Applicant is submitting herewith the formal drawings, together with a Letter to the Official Draftsperson.

The fee of \$1,110.00, which includes the late declaration, additional claim and basic statutory filing fees is enclosed by way of credit card authorization. Please charge any deficiencies in the enclosed fees to Deposit Account Number 07-1337 and direct any inquiries in connection with this application directly to the undersigned.

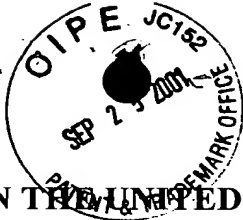
Respectfully submitted,

  
Allan M. Lowe  
Registration Number 19,641

**LOWE HAUPTMAN GILMAN & BERNER, LLP (22429)**  
1700 Diagonal Road  
Suite 310  
Alexandria, Virginia 22314  
(703) 684-1111

September 19, 2001

105260-9827660



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See for \$

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re U.S. Patent Application of )

Jonathan Peter BUCKINGHAM )

Application Number 09/917,786 )

Filed July 31, 2001 )

For: IMPROVEMENTS RELATING TO DATA )  
STORAGE )

Attention:

OIPE

Honorable Commissioner for Patents  
Washington, D.C. 20231

## LETTER

Sir:

The below-identified communications are submitted in the above-captioned application or proceeding:

- |  |   |
|--|---|
| <input checked="" type="checkbox"/> Formal Drawings (10 sheets)                          | <input checked="" type="checkbox"/> Letter to Draftsperson    |
| <input type="checkbox"/> Priority Document   | <input checked="" type="checkbox"/> Credit Card Authorization |
| <input type="checkbox"/> Notice of Priority  | <input type="checkbox"/> Supp. Preliminary Amendment          |
| <input checked="" type="checkbox"/> Response to Notice of Missing Parts with declaration | <input type="checkbox"/> Information Disclosure Statement     |
|  | <input type="checkbox"/> Substitute Specification             |

- ☒ The Commissioner is hereby authorized to charge payment of any fees associated with this communication, including fees under 37 C.F.R. §§ 1.16 and 1.17 or credit any overpayment to **Deposit Account Number 07-1337**. A duplicate copy of this sheet is attached.

Respectfully submitted,

Allan M. Lowe  
Registration Number 19,641LOWE HAUPTMAN GILMAN & BERNER, LLP (22429)  
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(703) 684-1111

September 19, 2001

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## UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS  
UNITED STATES PATENT AND TRADEMARK OFFICE  
WASHINGTON, D.C. 20231  
www.uspto.gov

APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
09/917,786	07/31/2001	Jonathan Peter Buckingham	1509-206

CONFIRMATION NO. 1431

## FORMALITIES LETTER



\*OC000000006481284\*

LOWE HAUPTMAN GILMAN  
& BERNER, LLP  
Suite 310  
1700 Diagonal Road  
Alexandria, VA 22314

RECEIVED

AUG 28 2001

Lowe, Hauptman, Gilman &amp; Berner

Date Mailed: 08/27/2001

## NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

## Filing Date Granted

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The statutory basic filing fee is missing.  
*Applicant must submit \$ 710 to complete the basic filing fee and/or file a small entity statement claiming such status (37 CFR 1.27).*
- Total additional claim fee(s) for this application is \$270.
  - \$270 for 15 total claims over 20.
- The oath or declaration is missing.  
*A properly signed oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date, is required.*
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(e) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.
- **The balance due by applicant is \$ 1110.**

The application is informal since it does not comply with the regulations for the reason(s) indicated below.

The required item(s) identified below must be timely submitted to avoid abandonment:

- Substitute drawings in compliance with 37 CFR 1.84 because:
  - drawings have a line quality that is too light to be reproduced (weight of all lines and letters must be heavy enough to permit adequate reproduction) or text that is illegible (reference characters, sheet numbers, and view numbers must be plain and legible) see 37 CFR 1.84(l) and (p)(1));

09/26/2001 MAB011 00000030 09917786

710.00 OP  
270.00 OP  
130.00 OP

01 FC:101  
02 FC:103  
03 FC:103

09917786 09917786

*A copy of this notice MUST be returned with the reply.*

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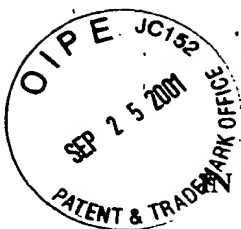
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Initial Patent Examination Division (703) 308-1202

PART 1 - ATTORNEY/APPLICANT COPY

0991785-092504  
105260-9871650



**THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**In re U.S. Patent Application of**

**Jonathan Peter BUCKINGHAM**

**Application Number 09/917,786**

**Filed July 31, 2001**

**For: IMPROVEMENTS RELATING TO  
DATA STORAGE**

**Attention:**

**OIPE**

**Honorable Commissioner for Patents**  
**Washington, D.C. 20231**


## **LETTER TO OFFICIAL DRAFTSPERSON**

Sir:

This is in response to the Notice of Missing Parts dated August 27, 2001, of the Initial Patent Examination Division of the Patent and Trademark Office, the period for response to which is set to expire on October 27, 2001. Submitted herewith are new drawings (Figures 1 through 18) that comply with 37 C.F.R. § 1.84.

The Official Draftsperson is respectfully requested to review the attached drawings and provide an indication of the acceptability of these drawings to the undersigned.

Respectfully submitted,

  
Allan M. Lowe  
Registration Number 19,641

**LOWE HAUPTMAN GILMAN & BERNER, LLP**  
1700 Diagonal Road  
Suite 310  
Alexandria, Virginia 22314  
(703) 684-1111

September 19, 2001

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1/2/02